Total Flood - Hazard Dimensions

Enter the **Length**	120.00	Area =	6,000.00
Enter the **Width**	50.00	Volume =	120,000.00
Enter the **Height**	20.00		

Unclosable Openings

Total Surface Area = 18800

	Opening 1	*Opening 2*	*Opening 3*	*Opening 4*	*Opening 5*
Enter the Height	-	-			
Enter the Width	-	-			
Area =	-	-	-	-	-

Total Unclosable Openings - Sq.Ft. = 0
Percent of the Openings = 0.000% OK
Maximum Allowed is 5% of Total Surface Area

Additional Chemical Allowance for Ventilation

Enter Air Input Opening (Sq. Ft.)	0	Lgth x Wdth
Enter Air Velocity at Opening	0	Ft. / Min.
Discharge Time in Seconds	10	10 lbs / 10 sec.
Additional Nozzles Required at Point of Air Entry =	**0**	

Nozzle Calculations - (use the lesser of the Width and Length calculations)

Width Divided by 15' - roundup for Number of Rows =		**4**	**8**
Divide Width by the Number of Rows =	12.500		
Use this Actual Dimension and the Height to Find the maximum other Dimesion per Nozzle with the Limits for Area and Volume per Nozzle.	5.400		
Divide this Actual Nozzle Dimension by the Length of the Hazard to find the Number of Columns =		**23**	**12**
Rows x Columns - Number of Nozzles =		**92**	**96**
Add Nozzles for Ventilation Calculation =		**0**	**0**
Number of Nozzles =		**92**	**96**

Length Divided by 15' - roundup for Number of Rows =	
Divide Length by the Number of Rows =	15.000
Use this Actual Dimension and the Height to Find the maximum other Dimesion per Nozzle with the Limits for Area and Volume per Nozzle.	4.500
Divide this Actual Nozzle Dimension by the Width of the Hazard to find the Number of Columns =	
Rows x Columns - Number of Nozzles =	
Add Nozzles for Ventilation Calculation =	
Number of Nozzles =	

Correct Total Number of Nozzles = 92

Center 92 Nozzles in Modules Measuring 12.500 x 5.217

Place Additional Nozzles at Air Openings **0**